

Regional Parks Botanic Garden (*Friends* web site):  
[www.nativeplants.org](http://www.nativeplants.org)

## Regional Parks Botanic Garden

at the intersection of Wildcat Canyon Road and  
South Park Drive in Tilden Regional Park in the Berkeley Hills  
NO Entrance or Parking Fees

## Saturday October 7 Fall Plant Sale

9:00-10:00 AM – Members Only Sale

10:00-3:00 PM – Public Sale

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# Nemophila Harmony

Hitachi Seaside Park, Japan

Baby Blue Eyes (*Nemophila menziesii*)







# California Glory

## Fremontia

(*Fremontodendron* 'California Glory')

in the Culpepper Garden  
at Leeds Castle





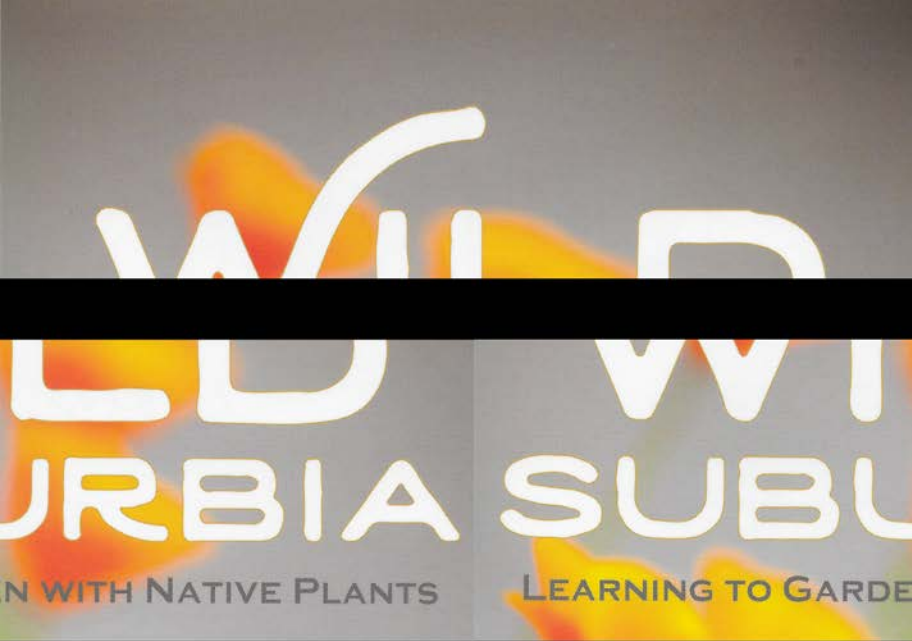












# Wild Suburbia, Learning to Garden With Native Plants.

Barbara Eisenstein.

Heyday Press, Berkeley, CA. 2016.





-  Californian
-  Vancouverian
-  Sonoran
-  Great Basin

# CALIFORNIA FLORISTIC PROVINCE

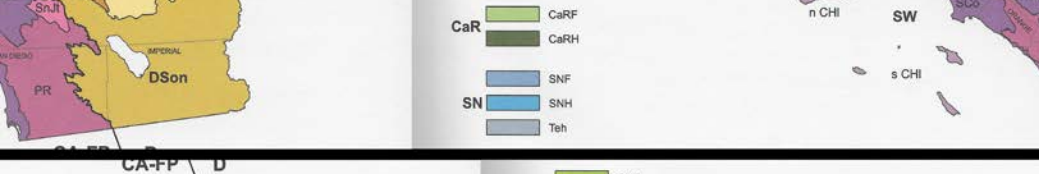
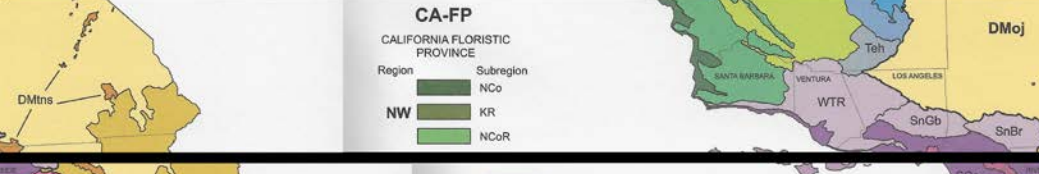
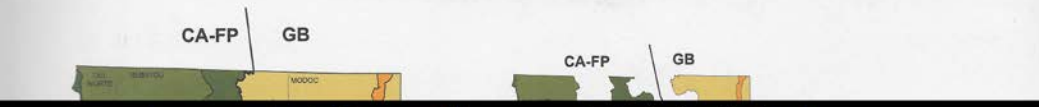
The mediterranean-climate portions of California and Baja California, Mexico.

Cool wet winters.  
Hot dry summers.

Drought-adapted plants:  
Annuals. Succulents.  
Geophytes (bulbs).  
Trees, shrubs, and perennials  
with evergreen leaves that  
are small, leathery, aromatic,  
hairy and/or sticky.



Geographic Subdivisions of California



**CA-FP**  
CALIFORNIA FLORISTIC PROVINCE

Region	Subregion
■	NCo
■	NW
■	NCoR

**CaR**

■	CaRF
■	CaRH

**SN**

■	SNF
■	SNH
■	Teh

**GB**  
GREAT BASIN PROVINCE

Region	Subregion
■	GV
■	SNJV
■	CCo
■	CW
■	SnFrB
■	SCoR

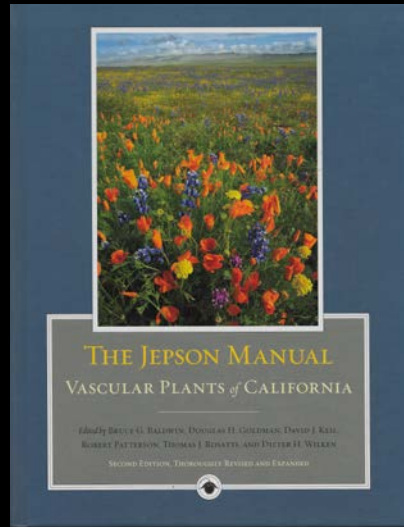
**D**  
DESERT PROVINCE

Subregion	Region
■	SCo
■	Chi
■	TR
■	MP
■	Wm
■	MP exc Wm
■	DMoj

See page 42 for Hierarchical Outline of Geographic Subdivisions

# Geographic Subdivisions of the California Flora

(as per the Jepson Manual, 2012)





# MADROÑO

A WEST AMERICAN JOURNAL OF BOTANY

## SPECIAL ISSUE

### PLANT DIVERSITY AND ENDEMISM IN THE CALIFORNIA FLORISTIC PROVINCE

INTRODUCTION BY PETER H. RAVEN..... 1

#### CONTENTS

INTRODUCTION

PLANT DIVERSITY AND ENDEMISM IN THE CALIFORNIA FLORISTIC PROVINCE  
*Dylan O. Burge, James H. Thorne, Susan P. Harrison, Bart C. Steiner, Jon P. Rebman, James R. Shevock, Edward R. Alverson, K. Hardison, José Delgado-Rodríguez, Steven A. Jankovitch, Juanjo Rodríguez, Steven A. Jankovitch, Riemann, Sula E. Vanderplank, and Teri*..... 3

*Linda K. Harrison, José Delgado-Rodríguez, Thomas A. Oberbauer, Hugo F. Barry*.....

# Plant Diversity and Endemism in the California Floristic Province.

Dylan O. Burge, et al.

Madrono 63(2): 3-206. 2016.

The first full listing of the plants of the California Floristic Province



# Madrono 63(2): 3-206. 2016.

	CFP endemic	Oregon			SN	GV	CW	SW	Baja CFP
		CFP	NW	CaF					
<i>Pogogyne douglasii</i> Benth.									
<i>Pogogyne nudiuscula</i> A. Gray	X								
<i>Pogogyne serpylloides</i> (Torr.) A. Gray	X		X						
<i>Pogogyne tenuiflora</i> A. Gray	X								
<i>Pogogyne zizyphoroides</i> Benth.	X								
<i>Poliumintha conjunctrix</i> Epling	X				X	X	X		
<i>Pyrola vulgaris</i> L. var. <i>land</i> Eng & Wiggins	X		X						
<i>Sarcocornanthemum californicum</i> (W.P.C. Barton) Fernald		X	X		X		X		
<i>Sarcocornidia apiana</i> Jeps.								X	
<i>Sarcocornidia brandegeei</i> Munz					X	X	X		
<i>Sarcocornidia carduacea</i> Benth.		X	X	X				X	
<i>Sarcocornidia cedrosensis</i> Greene			X	X					
<i>Sarcocornidia chionoeplica</i> Epling	X				X	X			
<i>Sarcocornidia clevelandii</i> (A. Gray)							X		
<i>Sarcocornidia columbariae</i> Benth.							X	X	
<i>Sarcocornidia dorrii</i> (Kellogg) Abrams					X	X	X	X	
<i>Sarcocornidia dorrii</i> (Kellogg) Abrams var. <i>incana</i> (Benth.) Steud								X	
<i>Sarcocornidia dorrii</i> (Kellogg) Abrams var. <i>pilosa</i> (A. Gray) Steud								X	
<i>Sarcocornidia eremostachya</i> Jeps.			X	X				X	
<i>Sarcocornidia leucophylla</i> Greene				X	X	X	X	X	
<i>Sarcocornidia mellifera</i> Greene							X	X	
<i>Sarcocornidia munzii</i> Epling					X				
<i>Sarcocornidia pachyphylla</i> Munz							X		
<i>Sarcocornidia sonomensis</i> Greene	X								
<i>Sarcocornidia spathacea</i> Greene							X		
<i>Sarcocornidia vaseyi</i> (Porter) Parish							X	X	
<i>Scutellaria antirrhinoides</i> Benth.	X						X	X	
<i>Scutellaria bolanderi</i> A. Gray	X		X	X	X		X	X	
<i>Scutellaria bolanderi</i> A. Gray subsp. <i>austromontana</i> Epling					X		X	X	
<i>Scutellaria californica</i> A. Gray subsp. <i>bolanderi</i> Epling						X	X	X	
<i>Scutellaria galericulata</i> L.		X	X	X			X		
<i>Scutellaria lateriflora</i> L.	X								
<i>Scutellaria nana</i> A. Gray	X							X	
<i>Scutellaria siphocampyloides</i>			X	X	X		X		
<i>Scutellaria tuberosa</i> Benth.					X		X		
<i>Stachys ajugoides</i> Benth.	X				X				
<i>Stachys albens</i> A. Gray	X					X			
<i>Stachys bergii</i> G.A. Mulligan			X	X					
<i>Stachys bullata</i> Benth.		X	X	X	X	X	X		
<i>Stachys chamissonis</i> Benth.	X		X		X	X	X	X	
<i>Stachys cooleyae</i> A. Heller	X		X		X	X	X	X	

APPENDIX I. CONTINUED.





garden-garden  
Santa Monica

Above: Native Garden

Right: Traditional Garden





## garden-garden DATA

### Native Garden

### Traditional Garden

### Water

64,396 gal/year

283,981 gal/year

### Green Waste

219 lbs./year

647.5 lbs./year

### Labor

\$70.44/year

\$223.22/year

77% less water,

66% less green waste,

68% less on maintenance labor costs



# Regional Parks Botanic Garden

at the intersection of  
Wildcat Canyon Road  
and

South Park Drive  
in

Tilden Regional Park  
in the Berkeley Hills







Field Meadow Sedge  
(*Carex praegracilis*)



# Field Meadow Sedge

*Carex praegracilis*







# Field Meadow Sedge

(*Carex praegracilis*)



Field Meadow Sedge

*(Carex praegracilis)*

&

Western Sycamore

*(Platanus racemosa)*





# California Sagebrush

(*Artemisia californica*)





# California Sagebrush

(*Artemisia californica*)

November 23, 2010

February 16, 2011







# TEMPORARY SHADE STRUCTURE

Shade Cloth and Tent Poles





# TEMPORARY SHADE STRUCTURE

Shade Cloth and Tent Poles, Stakes





# FROST and RAIN PROTECTION

Cloud Cover Fabric and Plastic Sheeting



# FROST and RAIN PROTECTION

Cloud Cover Fabric and Plastic Sheeting











Santa Lucia Fir  
(*Abies bracteata*)



Santa Cruz Island  
Ironwood  
(*Lyonothamnus floribundus*  
subsp. *aspleniifolius*)







Guadalupe Island Fan Palm  
(*Brahea edulis*)



# Baja Blue Fan Palm

*Brahea armata*





Kelly's Gold Box Elder  
(*Acer negundo* 'Kelly's Gold')





Baja Ash  
(*Fraxinus parryi*)







Desert Willow  
(*Chilopsis linearis*)





# Regal Desert Willow

(*Chilopsis linearis* 'Regal')



RPBG form



‘Desert Way’







‘Regal’



‘Warren Jones’



‘Burgundy Lace’



‘Lois Adams’



# Western Redbud

(*Cercis occidentalis*)











Louis Edmunds  
Manzanita  
(*Arctostaphylos bakeri*  
'Louis Edmunds')



# Howard McMinn Manzanita

(*Arctostaphylos* 'Howard McMinn')





# Sunset Manzanita

(*Arctostaphylos* 'Sunset')





# Myrtle Wolf Manzanita

(*Arctostaphylos pajaroensis* 'Myrtle Wolf')







# Emerald Carpet Manzanita

(*Arctostaphylos* 'Emerald Carpet')

# Radiant Bearberry

(*Arctostaphylos uva-ursi* 'Radiant')

# Point Reyes Bearberry

(*Arctostaphylos uva-ursi* 'Point Reyes')



# Hearst Manzanita

(*Arctostaphylos hearstiorum*)







Baja Sumac  
(*Rhus lentii*)







**Pacific Wax Myrtle**  
(*Morella* [*Myrica*] *californica*)



# Holly-leaf Cherry

*(Prunus ilicifolia)*





Nevin's  
Barberry  
(*Berberis [Mahonia]*  
*nevinii*)







# Golden Abundance Barberry

(*Berberis* [*Mahonia*] 'Golden Abundance')







Compacta  
Oregon Grape  
(*Mahonia [Berberis]*  
*aquifolium* 'Compacta')





Creeping Barberry  
(*Mahonia [Berberis] repens*)





Dancing Tassels  
Chaparral Currant  
(*Ribes malvaceum* 'Dancing Tassels')



# Spooner's Mesa Evergreen Currant

(*Ribes viburnifolium* 'Spooner's Mesa')





# Bart's Baja Beauty Evergreen Currant

(*Ribes viburnifolium* 'Bart's Baja Beauty')





# Fuchsia Flowered Gooseberry

(*Ribes speciosum*)





# Golden Currant

*(Ribes aureum)*





# Schoener's Nutkana Rose

(*Rosa* 'Schoener's Nutkana')







Lakeside Ceanothus  
(*Ceanothus cyaneus*)





Concha Ceanothus  
(*Ceanothus* 'Concha')



# Blue Cascade Ceanothus

(*Ceanothus* 'Blue Cascade')







**Wartleaf Ceanothus**  
(*Ceanothus papillosus* var. *papillosus*)



# Diamond Heights Ceanothus

(*Ceanothus griseus* var. *horizontalis* 'Diamond Heights')





# Edgewood Bush Mallow

(*Malacothamnus arcuatus* 'Edgewood')





# Falling Stars Leelenzia

(*XChiranthofremontia lenzii*

'Falling Stars')





# Pine Hill Fremontia

*(Fremontodendron decumbens)*





# White Sage

(*Salvia apiana*)





# Aromas Sage

(*Salvia* 'Aromas')







**Winifred Gilman Sage**  
(*Salvia clevelandii* 'Winifred Gilman')



# Betsy Clebsch Sage

(*Salvia clevelandii* 'Betsy Clebsch')





# Carl Nielson Sage

(*Salvia* 'Carl Nielson')







Baja Sage  
(*Salvia chionoeplica*)



Baja Sage  
(*Salvia chionoeplica*)







Munz Sage  
(*Salvia munzii*) at Erendira





Avis Keedy  
Hummingbird  
Sage  
(*Salvia spathacea*  
'Avis Keedy')





Creeping Sage  
(*Salvia sonomensis*)



# Woolly Blue Curls

*(Trichostema lanatum)*







Willowy  
Monardella  
(*Monardella viminea*)



# Paseo Rancho Verbena

(*Verbena lilacina* 'Paseo Rancho')







# Southern Monkeyflower

*Diplacus (Mimulus) longiflorus*



# Saint Catherine's Lace

(*Eriogonum giganteum*)





Saint Catherine's Lace  
(*Eriogonum giganteum*)





# Santa Cruz Island Buckwheat

(*Eriogonum arborescens*)







Bliss Buckwheat  
(*Eriogonum x blissianum*)



# Cedros Island Buckwheat

(*Eriogonum molle*)







**Wand Buckwheat**  
(*Eriogonum elongatum*)





Wand Buckwheat  
(*Eriogonum elongatum*)



Shasta Sulphur

Buckwheat

(*Eriogonum umbellatum*

var. *polyanthum*

‘Shasta Sulphur’)





# Coast Buckwheat

(*Eriogonum latifolium*)





Conejo Buckwheat  
(*Eriogonum crocatum*)





# Buckwheat

*(Eriogonum wrightii var. subscaposum)*





# Rosy Buckwheat

(*Eriogonum grande* var. *rubescens*)





Santa Cruz Island Buckwheat (*Eriogonum arborescens*)  
& California Fuchsia (*Epilobium canum*)





# Route 66 California Fuchsia

(*Zauschneria* [*Epilobium*] 'Route 66')







**Sierra Gold**  
**California Fuchsia**  
(*Epilobium* [*Zauschneria*]  
'Sierra Gold')



# Humboldt County Fuchsia and Bearberry

(*Epilobium* [*Zauschneria*] *septentrionale* and *Arctostaphylos uva-ursi*)





Point  
St. George  
Juniper

(*Juniperus communis*  
var. *saxatilis*  
'Point St. George')







Guadalupe Island Senecio  
(*Senecio palmeri*)





Guadalupe Island  
Senecio  
(*Senecio palmeri*)





Purple Haze Aster  
(*Symphyotrichum* [*Aster*] *chilense*  
'Purple Haze')



W. R. Daisy  
(*Erigeron* 'W. R.')





# Bountiful Seaside Daisy

(*Erigeron glaucus* 'Bountiful')







**Mattole River White**  
(*Erigeron glaucus* 'Mattole River White')



Wendy Coral Bells  
(*Heuchera* 'Wendy')







Showy Milkweed  
(*Asclepias speciosa*)





Narrow-leaf  
Milkweed  
(*Asclepias fascicularis*)





Margarita BOP

Penstemon

(*Penstemon heterophyllus*  
'Margarita BOP')





Cape Mendocino  
Reedgrass  
(*Calamagrostis foliosa*)





# Humboldt Lily

(*Lilium humboldtii*  
subsp. *ocellatum*)





*Iris* - Pacific Coast Hybrids







Munz's Iris  
*(Iris munzii)*



# Munz's Iris

(*Iris munzii*)







Douglas Iris  
(*Iris douglasiana*)





Douglas Iris and  
Woodland Strawberry  
(*Iris douglasiana* and  
*Fragaria vesca* var. *californica*)





Yerba Buena  
(*Clinopodium* [*Satureja*] *douglasii*)







Pride of California  
(*Lathyrus splendens*)



# Roger's Red Grape

(*Vitis* 'Roger's Red')







**Blue Flame Agave**  
(*Agave* 'Blue Flame')



# Santa Catalina Island Live Forever

(*Dudleya virens* subsp. *hassei*)







Sierra San Pedro Martir Live Forever (*Dudleya pauciflora*)





**Noyo Bluff Lettuce**  
(*Dudleya farinosa* 'Noyo')



# Seeding Screen (for seed and seedling protection)



GLANDULAR FAIRYFAN  
CLARKIA ARCUATA  
13,018 ONAGRACEAE  
TELEPHONE RIDGE 4,888' EL.  
EL DORADO COUNTY





Clarkia  
(*Clarkia  
arcuata*)





**Red Ribbons**  
(*Clarkia concinna*)





# Clarkia

(*Clarkia williamsonii*)





# Clarkia

(*Clarkia gracilis* var.  
*albicaulis*)



Wild Buckwheat  
(*Eriogonum parishii*)







# Pennie Black Baby Blue Eyes

*(Nemophila menziesii var. discoidalis 'Pennie Black')*



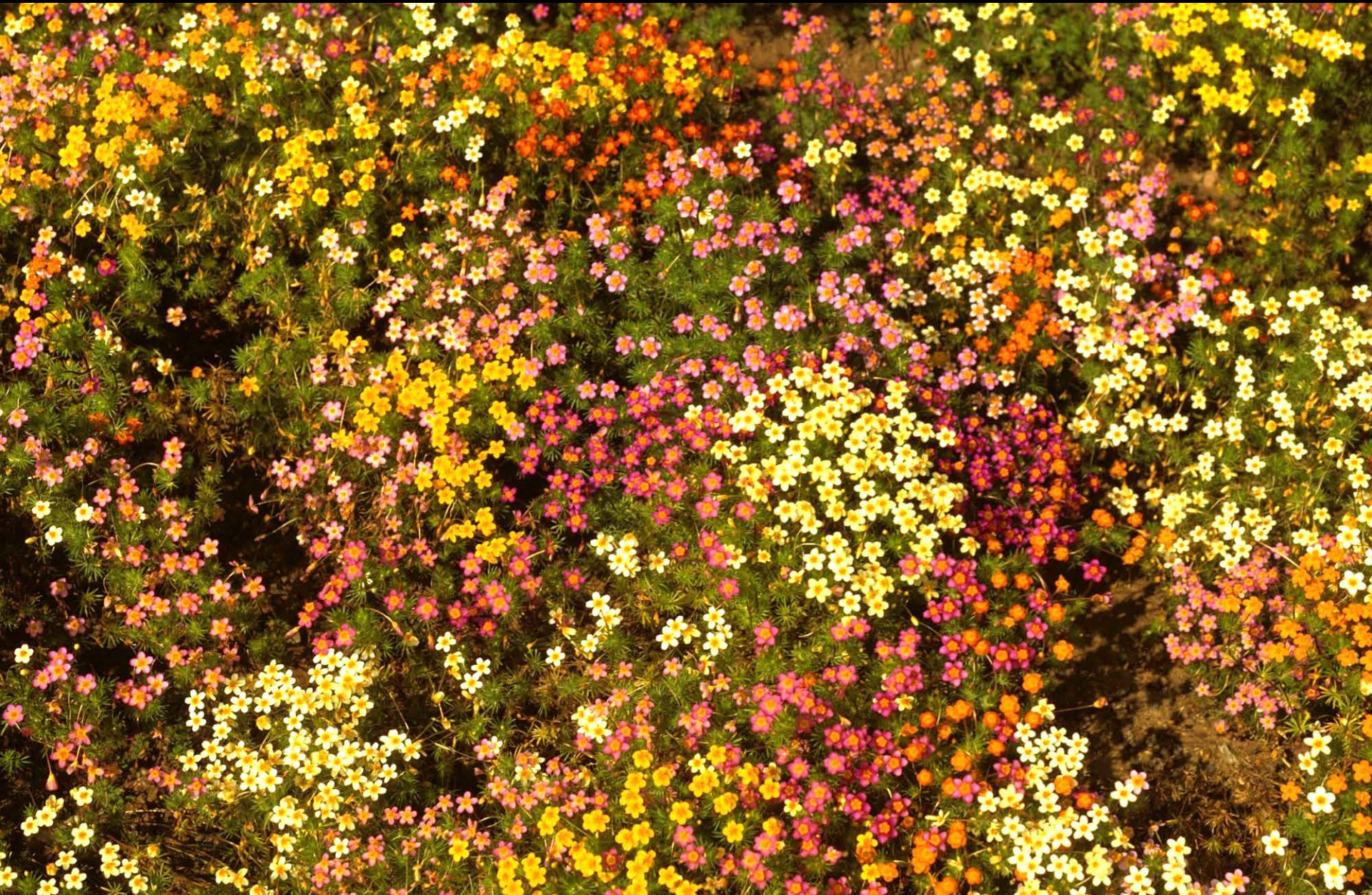


Wind Poppy  
(*Papaver* [*Stylomecon*]  
*heterophyllum*)

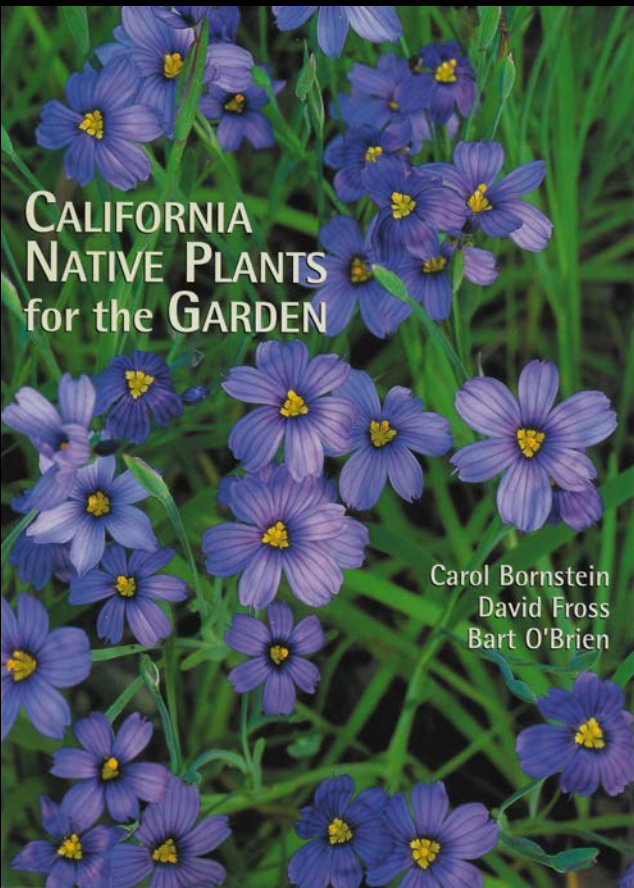


# Stardust

(*Leptosiphon* [*Linanthus*] 'Stardust')

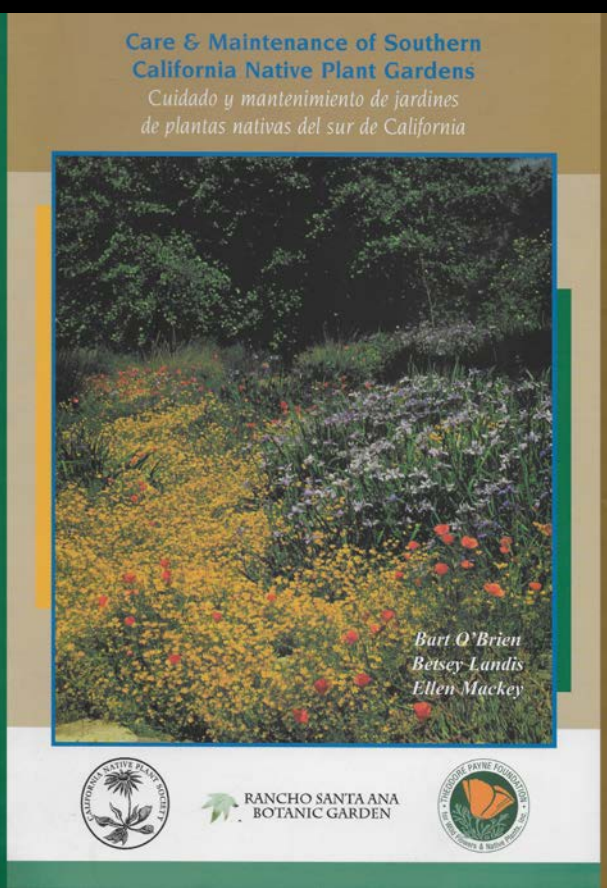




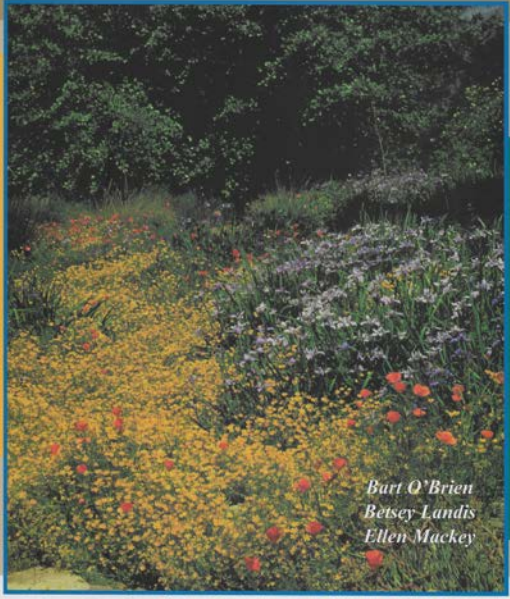


# CALIFORNIA NATIVE PLANTS for the GARDEN

Carol Bornstein  
David Fross  
Bart O'Brien



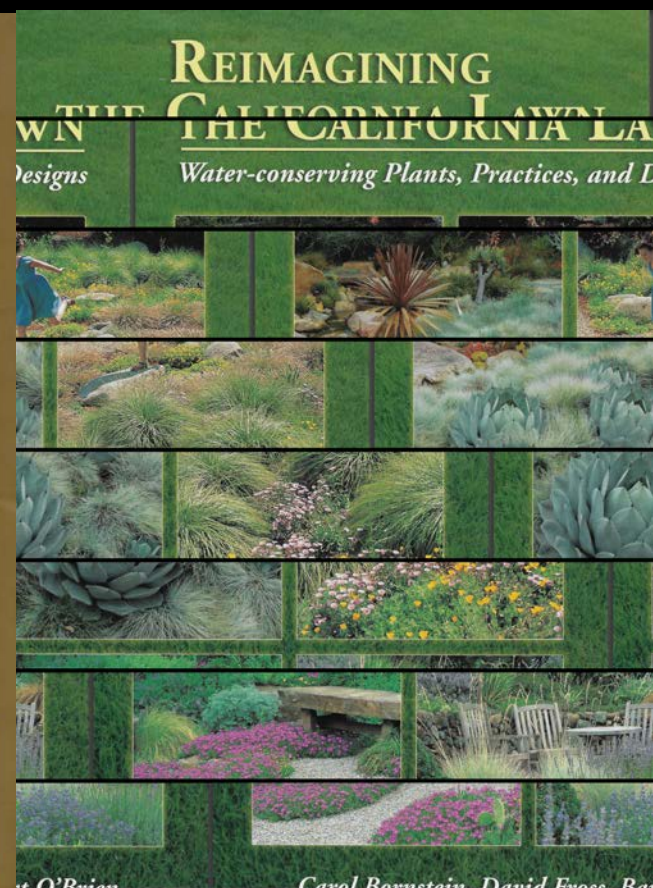
## Care & Maintenance of Southern California Native Plant Gardens *Cuidado y mantenimiento de jardines de plantas nativas del sur de California*



*Bart O'Brien  
Betsy Landis  
Ellen Mackey*



RANCHO SANTA ANA BOTANIC GARDEN



## REIMAGINING THE CALIFORNIA LANDSCAPE *Water-conserving Plants, Practices, and Designs*



*Bart O'Brien Carol Bornstein David Fross Bart O'Brien*



# REGIONAL PARKS BOTANIC GARDEN CALIFORNIA NATIVE PLANTS



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